

Amendments to the Specification:

Please replace the paragraph beginning on Page 2, line 25,
with the following amended paragraph:

According to ~~claim 1~~an embodiment, the object is achieved by means of a high-pressure gas discharge lamp with an asymmetrical discharge space and/or an asymmetrical discharge vessel, wherein the discharge space has a volume which is reduced by a given first factor in comparison with the volume of the discharge space of known mercury-containing discharge lamps, and wherein an obscuration of portions of the luminous discharge arc and/or of portions of the electrodes by light-generating substances not evaporated in the operational state is prevented in that the quantity of the light-generating substances in the discharge space is reduced by a second factor which is determined in dependence on the value of the first factor and on the distance, defined by the asymmetry, of the electrodes to a bottom surface that is lowermost in the operational position of the lamp.

Please replace the paragraph beginning on Page 3, line 16,
with the following amended paragraph:

~~The embodiment of claim 2~~One embodiment of the present
solution is provided in particular for use in automobile
technology.

Please replace the paragraph beginning on Page 3, line 18,
with the following amended paragraph:

~~The In other embodiments, of claims 3 to 5 relate to preferred~~
~~embodiments of a mercury-free discharge lamp with particularly good~~
imaging properties is provided, while ~~the further~~ embodiments of
~~claims 6 and 7~~ have an enhanced luminous efficacy and operating
voltage for a mercury-free gas filling.